

FUTURE OUTLOOK: CONSTRUCTION AND DEMOLITION PROJECTS

LANL Small Business Construction Forum
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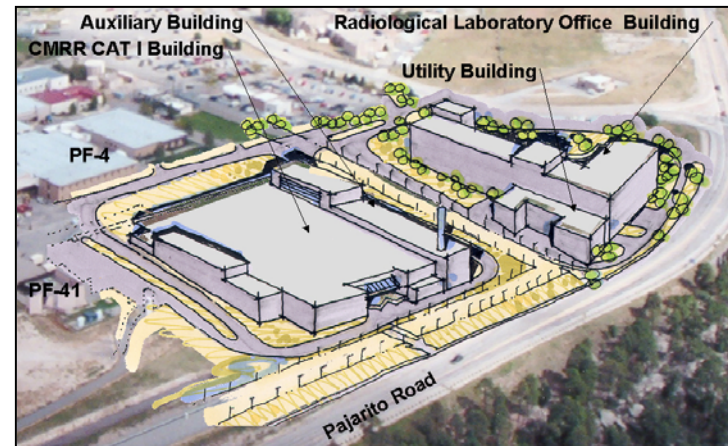
OVERVIEW

- DOE/Congress have a strong commitment to revitalize facilities and infrastructure
- LANL strategic goal to “Modernize and consolidate facilities/infrastructure to support safe, secure and efficient Laboratory operations.”
- Two main types of projects support this:
 - Major Projects (Line Items)
 - Facilities and Infrastructure (General Plant Projects)
- The Ten-Year Comprehensive Site Plan is the foundation for strategic planning for the physical complex

MAJOR PROJECTS

Two examples now underway:

- **National Security Sciences Building**
 - Approximately 275,000 square foot office building
 - Construction scheduled 2004-2006
 - Cost ~\$100M
- **CMR Replacement**
 - Large nuclear laboratory and offices
 - Construction planned for 2007-2010
 - Cost ~500M+



FACILITIES AND INFRASTRUCTURE PROJECTS

- Smaller projects generally less than \$5M
- Planned for FY04:
 - About 20 projects
 - Approximately \$40M total



FACILITIES AND INFRASTRUCTURE PROJECTS

Project	Estimated Cost (\$K)	Description
TA-50 Stem Wall Repair	400	Repair of retaining wall at RLW
TA-16-260 Reconfiguration	4,000	Remodel/Upgrade to Existing Facility
WETF Systems Refurbishment	4,500	Mechanical Systems/Controls Upgrades
Deferred Maintenance Small Projects	4,500	Small Projects \$50k-\$200k Across the Site
EISU TA-3-261	2,500	Electrical Safety Upgrades at Individual Buildings
EISU TA-8-21	1,100	
EISU-TA-46-31	3,500	
TA-16 WE Campus Grading, Drainage & Utilities	4,700	Utility Upgrades
Vulnerable Building Replacement – DX Shock & Detonation Physics	5,000	New Light Lab/Office Building
CCF Electrical Upgrades	300	MCC Installation
HRL-1 HVAC Upgrades	500	Mechanical Upgrades

DECOMMISSIONING AND DEMOLITION (D&D)

- Congress has mandated that sites eliminate aging, outmoded facilities in amount equal to that which is newly constructed, on a square foot basis.

Year	2004	2005	2006	2007	2008
Approx. Square Footage Planned for D&D (000's)	100	100	430	140	150



DECOMMISSIONING AND DEMOLITION (D&D)

Upcoming Projects	Area (sf)	Description
TA-16-7	4,700	HE Repair & Storage Facility
MST North Trailers	8,800	Trailer Complex in TA-3
HSR Clinic & S-3 Trailers	21,100	Transportable Units within TA-3
TA-16-540	12,800	Steam Plant
TA-69-0003	600	Incinerator Facility
TA-06 Detonator Complex	6,000	9 Buildings in Manufacturing/Storage Complex
TA-16-370	19,500	Manufacturing Facility
TA-21 Structures	11,200	Warehouse & Office/Vault Complex

